

PTO/SB/82 (09-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	09/802,668
Filing Date	March 9, 2001
First Named Inventor	Roberds, Steven
Art Unit	1646
Examiner Name	Chernyshev, Olga
Attorney Docket Number	PC26566A

I hereby revoke all previous powers of attorney given in the above-identified application.☐ A Power of Attorney is submitted herewith.**OR**☒ I hereby appoint the practitioners associated with the Customer Number: ☒ Please change the correspondence address for the above-identified application to:☒ The address associated with
Customer Number:**OR**☐ Firm or
Individual Name

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)***SIGNATURE of Applicant or Assignee of Record**

Signature

Name

Gregg C. Benson on behalf of Pharmacia & Upjohn Company

Date

1 October 2004

Telephone

860-441-4901

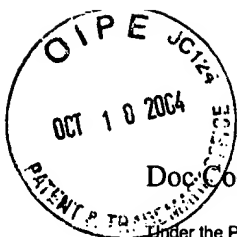
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BEST AVAILABLE COPY



Doc Code:

PTO/SB/96 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Pharmacia & Upjohn Company

Application No./Patent No.: 09/802,668 Filed/Issue Date: 03/09/2001

Entitled: Human Ion Channels

Pharmacia & Upjohn Company, a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011952, Frame 0305, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]
Signature

1 October 2004
Date

Gregg C. Benson on behalf of Pharmacia & Upjohn Company

860-441-4901

Printed or Typed Name

Telephone Number

Assistant General Patent Counsel, Pfizer Inc.

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED

SEP 20 2001

Woodcock Washburn Kurtz
Mackiewicz & Norris LLP

2.2/GJA (sc)
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 14, 2001

PTAS

WOODCOCK WASHBURN KURTZ, ET AL.
GWILYM J.O. ATTWELL
ONE LIBERTY PLACE, 46TH FLOOR
PHILADELPHIA, PA 19103-7301

RECEIVED

SEP 20 2001



101773513A

DOCKET DEPT.
WWKMN

PHK111-0311

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/05/2001

REEL/FRAME: 011952/0305
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ROBERDS, STEVEN L.

DOC DATE: 06/12/2001

ASSIGNOR:

BENJAMIN, CHRISTOPHER W.

DOC DATE: 06/13/2001

ASSIGNOR:

KARNOVSKY, ALLA M.

DOC DATE: 06/15/2001

ASSIGNOR:

RUBLE, CARA L.

DOC DATE: 06/18/2001

ASSIGNOR:

LINSKI-O'CONNELL, LISA I.

DOC DATE: 06/20/2001

ASSIGNOR:

WANG, JUN

DOC DATE: 06/21/2001

ASSIGNOR:

LIU, DERONG

DOC DATE: 06/20/2001

011952/0305 PAGE 2

ASSIGNEE:

PHARMACIA & UPJOHN COMPANY
301 HENRIETTA STREET
KALAMAZOO, MICHIGAN 49007

SERIAL NUMBER: 09802668
PATENT NUMBER:

FILING DATE: 03/09/2001
ISSUE DATE:

DOROTHY BASMA, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

050689US1 (PHRM-0319)

07-11-2001

To The Honorable Commissioner of Patents a



1 original documents or copy thereof.

1. Name of conveying party(ies):

101773513

s of receiving party(ies):

Steven L. Roberts

First Assignor

June 12, 2001

Date of Execution

Christopher W. Benjamin

Second Assignor

June 13, 2001

Date of Execution

Alla M. Karnovsky

Third Assignor

June 15, 2001

Date of Execution

Cara L. Ruble

Fourth Assignor

June 18, 2001

Date of Execution

Lisa I. Ursk-O'Connell

Fifth Assignor

June 20, 2001

Date of Execution

Jun Wang

Sixth Assignor

June 21, 2001

Date of Execution

Derong Liu

Seventh Assignor

June 20, 2001

Date of Execution

Additional name(s) of conveying party(ies) attached? () YES (x) NO

Name: Pharmacia & Upjohn Company

Street Address: 301 Henrietta Street - 5

City: Kalamazoo

State Michigan

ZIP 49007

Additional name(s) & address attached? () YES (x) NO

3. Nature of Conveyance (check only one):

(x) New Assignment

() Merger

() License Agreement

() Security Agreement

() Change of Name

() Other:

() Cross-reference of Assignment filed in United States

Application No. @@/@@@,@@@, recorded on

@@/@@/@@ at Reel No. @@@@ and Frame No. @@@@

4. Identification of Application number(s), patent number(s) OR date of execution of application to which assignment refers:

Application Nos.:

09/802,668

Patent Nos.:

Date application was signed by the first named executing inventor

(Fill-in this date only if assignment is filed together with a new application)

5. Name and address of party to whom correspondence concerning documents should be mailed:

Name: Gwilym J. O. Attwell

WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP

One Liberty Place - 46th Floor

Philadelphia, Pennsylvania 19103-7301

215-588-3100

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41):.....\$40.00

(X) Enclosed

() Authorized to be charged to Deposit Account Number 23-3050

8. Please charge any deficiency or credit any overpayment to Deposit Account Number 23-3050

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gwilym J. O. Attwell/45,449

Name of Person Signing/Reg. No.

Signature

June 29, 2001

Date

Total number of pages including cover sheet, assignment document and additional pages attached thereto: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

PATENT/Docket No.: 00069US1**ASSIGNMENT**

Title: Human Ion Channels
 Inventors: Steven L. Roberds, Christopher W. Benjamin, Alla M. Karnovsky, Cara L. Ruble, Lisa I. Linski-O'Connell, Jun Wang, Derong Liu
 Serial No.: 09/802,668 Filing Date: March 9, 2001
 Docket No.: 00069US1 Country: US
 Execution Date of Application:

As a below-named inventor, I hereby declare that:

My post office address is as stated below under my signature and I am named as inventor of the inventions or discoveries (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified above. In view of valuable consideration, receipt thereof is hereby acknowledged, I do hereby assign and transfer unto PHARMACIA & UPJOHN COMPANY, a corporation of the State of Delaware having a place of business at Kalamazoo, Michigan, its successors and assigns, my entire interest in and the full and exclusive right to the INVENTIONS, the APPLICATION and all related applications (including all divisions, reissues, continuations, and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in other countries; said transfer and assignment being applicable throughout the world. I hereby authorize and request officials of patent offices in any and all countries of the world to issue any and all of the PATENTS, when granted, to PHARMACIA & UPJOHN COMPANY, its successors and assigns, as the assignee of my entire right, title, and interest in and to the same. I agree that I will communicate to PHARMACIA & UPJOHN COMPANY, or its representatives, any facts known to me respecting the invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of the PATENTS to be issued to PHARMACIA & UPJOHN COMPANY; make all rightful oaths; and generally do everything possible to aid PHARMACIA & UPJOHN COMPANY, its successors and assigns, to obtain and enforce proper protection for the INVENTION in any and all countries throughout the world. I hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

PATENT/Docket No.: 00069US1

I hereby claim the benefit under 35 USC §120, of any United States application(s) or PCT International Application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application
Serial No.

Filing Date

Status (Patented,
Pending, Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Mark DeLuca (Registration No. 33,229), Gwilym J. O. Attwell (Registration No. 45,449), Carl W. Battle (Registration No. 30,731), James D. Darnley, Jr. (Registration No. 33,673), Bruce Stein (Registration No. 27,231), Thomas A. Wootton (Registration No. 35,004), Lucy X. Yang (Registration No. 40,259), Andrew M. Solomon (Registration No. 32,175), Edward F. Rehberg (Registration No. 34,703), John H. Engelmann (Registration No. 28,075), Austin W. Zhang (Registration No. 48,061), Stephen L. Nesbitt (Registration No. 29,891), Ellen Park (Registration No. 34,055), and Bruce A. Pokras (Registration No. 32,748), all registered to practice before the Patent and Trademark Office as my attorneys or agents with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith and request that all correspondence and telephone communications be directed to the following person(s) at the mailing address and telephone number hereafter given:

PLACE BARCODE LABEL HERE
CUSTOMER NO. 28657

Name	:	Gwilym J. O. Attwell
Registration No.	:	45,449
Address	:	One Liberty Place-46 Floor Philadelphia, PA 19103
Telephone No.	:	215-568-3100
Telefax No.	:	215-568-3439

PATENT/Docket No.: 00069US1

Inventor's Signature	<u>Steven L. Roberds</u>	Date	<u>12 June 2001</u>
Full name of sole or first inventor: Steven L. Roberds			
Residence:	Mattawan, Michigan		
Citizenship:	United States of America		
Post Office Address:	4844 Hickory Lane Mattawan, Michigan 49071		

Inventor's Signature	<u>Christopher W. Benjamin</u>	Date	<u>13 June 2001</u>
Full name of second joint inventor: Christopher W. Benjamin			
Residence:	Kalamazoo, Michigan		
Citizenship:	United States of America		
Post Office Address:	8325 Warbler Dr. Kalamazoo, Michigan 49009		

Inventor's Signature	<u>Alla M. Karnovsky</u>	Date	<u>15 June 2001</u>
Full name of third joint inventor: Alla M. Karnovsky			
Residence:	Kalamazoo, Michigan		
Citizenship:	United States of America		
Post Office Address:	2943 Bramble Dr. Kalamazoo, Michigan 49009		

PATENT/Docket No.: 00069US1

Inventor's Signature



Date

6/8/2001

Full name of fourth joint inventor: Cara L. Ruble

Residence: Paw Paw, Michigan

Citizenship: United States of America

Post Office Address: 56881 CR 653

Paw Paw, Michigan 49079

Inventor's Signature



Date

June 20, 2001

Full name of fifth joint inventor: Lisa I. Linske-O'Connell

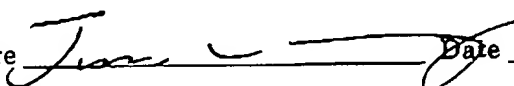
Residence: Rockville, Maryland

Citizenship: United States of America

Post Office Address: 707 College Parkway

Rockville, Maryland 20850

Inventor's Signature



Date

June 21, 2001

Full name of sixth joint inventor: Jun Wang

Residence: Gaithersburg, Maryland

Citizenship: People's Republic of China

Post Office Address: 1242 Travis View Court

Gaithersburg, Maryland 20879

PATENT/Docket No.: 00069US1

Inventor's Signature	<u>Derong Liu</u>	Date	<u>6/20/01</u>
Full name of seventh joint inventor: Derong Liu			
Residence	Germantown, Maryland		
Citizenship:	People's Republic of China		
Post Office Address:	13932 Bromfield Rd. Germantown, Maryland 20874		

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☒ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.